

Best practice in innovative electroplating plants and processes – Research and development for industrial electroplating

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In this speech, first a short impression about the applied, close to the industry working R+D in Germany will be given. Second, some project examples will show innovations in electroplating.

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Industrial electroplating itself is build up from two different business models: the job platers and the in house platers. Successful project examples with partners from both areas will show how innovation can be achieved in the field of electroplating. This comes up in first examples from new layer materials like alloys or dispersion coatings. Another example will show how a well known layer material like hard chromium can be plated in a smart structured way to strongly support new technologies like the production of carbon fibre reinforced composites (CFK). Examples from plating plants will show how electroplating is handled in a high level, compliant to the highest standard of regulations way, safe for the environment and workers. Finally, examples will also show how energy and material efficiency in industrial electroplating can be improved significantly supported from applied research.